



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: Diner et al.

CASE NO.: CL2221 US NA

APPLICATION NO.: 10/716,346

GROUP ART UNIT: UNKNOWN

FILED: NOVEMBER 18, 2003

EXAMINER: UNKNOWN

FOR: DISPERSION OF CARBON NANOTUBES BY NUCLEIC ACID

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08A and PTO/SB/08B. A copy of the information is also enclosed.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

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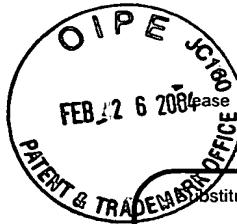
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known	
Application Number	10/716,346
Filing Date	November 18, 2003
First Named Inventor	Diner et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	CL2221 US NA

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Sheet

2

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2

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Application Number	10/716,346
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Lui et al., Fullerene Pipes, Science 280, 1253, 1998	
		O'Connell et al., Reversible water-solubilization of single-walled carbon nanoChem. Phys. Lett., 342, 265, 2001	
		Bandow et al., Purification of Single-Wall Cabon Nanotubes by Microfiltration, J. Phys. Chem. B 101, 8839, 1997	
		Chen et al., Solution Properties of Single-Walled Carbon Nanotubes, Science 282, 95, 1998	
		Duesberg et al., Chromatographic size separation of single-wall carbon nanotubes Appl. Phys. A 67, 117, 1998	
		Dalton et al., Selective Interaction of a Semiconjugated Organic Polymer with Single-Wall Nanotubes, J. Phys. Chem. B104 10012, 2000	
		Dalton et al., A functional conjugated polymer to process, purify and selectively interact with single wall carbon nanotubes, Synth. Metals 121, 1217, 2001	
		Bandyopadhyaya et al., Stabilization of Individual Carbon Nanotubes in Aqueous Solutions, Nano Lett. 2, 25, 2002	
		O'Connell et al., Band Gap Fluorescence from Individual Single-Walled Carbon Nanotubes, Science 297, 593, 2002	
		Williams et al., Towards DNA-Mediated Self Assembly of Carbon Nanotube Molecular Devices, AIP Conf. Proc. 663, 444, 2002	
		Jiang et al., Production of aqueous colloidal dispersions of carbon nanotubes, Journal of Colloid and Interface Science, 2003, 260(1), 89-94	
		Wang et al., A treatment method to give separated multi-walled carbon nanotubes with high purity, high crystallization and a large aspect ratio, Carbon, 2003, 41(15), 2939-2948	

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